

TECHNICAL PRODUCT SUBMITTAL



CPM SP Cascade boiler package

Key features:

- Full cascade header kit
- On Board controls
- Stainless Steel heat exchanger

Model CPM SP348

Number of Boilers in the cascade		3
Nominal Input (net)	kW	333
Nominal Input (gross)	kW	369
Gas Flow Rate (natural gas)	m ³ /hr	35.4
Output @50/30°C	kW	348
Output @80/60°C	kW	318
EFFICIENCY DATA - Part L2		
Net Efficiency (full load)	%	95
Net Efficiency (part load)	%	108.2
Seasonal Efficiency (Part L2 Gross CV)	%	95.2
EFFICIENCY DATA - ErP and Energy Label		
Ecodesign Energy Label rating		n/a
Seasonal space heating energy efficiency	%	92.6
GENERAL DATA		
NOx emission @0% O ₂	mg/kWh	37.41
Dimensions (height to flue)	mm	1948
Dimensions (width)	mm	1914
Dimensions (depth)	mm	610
Water Content	litres	8.3
Weight (empty)	kg	78
Weight (full)	kg	86.3
Flow Connection (inches)	BSP	2½
Return Connection (inches)	BSP	2½
Gas Connection (inches)	BSP	1½
Electrical Requirements		
Maximum Power Consumption	W	450
Sound Power Level	LWA(db)	62
Maximum Flue Gas Temperature	°C	120
Max Flow Temperature	°C	90
Working Pressure Min	bar	1.0
Working Pressure Max *	bar	4.0

*Can be used at 6 bar utilising the optional external pressure switch

Installation and Maintenance Information

CPM SP Boilers must be installed and maintained in line with Installation Commissioning and Maintenance (ICM) Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

Please refer to the Installation, Commission and Maintenance instructions (ICM) for information on:-

- Dimensions and clearances – page 9
- Air & Dirt Separators – page 19
- Water quality – page 19

ErP and Warranty

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at www.lochinvar.ltd.uk